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PTO/SB/05 (08-00)

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07/13/01
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005536

UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 C.F.R. § 1.53(b))

Attorney Docket No. 11460-111

First Inventor or Application Identifier Jerald P. Dykstra

Title GAS CLUSTER ION BEAM SIZE DIAGNOSTICS AND WORKPIECE
PROCESSING

Express Mail Label No. EL377528812US

| | | | |
|---|--|---|--|
| APPLICATION ELEMENTS <small>See MPEP chapter 600 concerning design patent application contents.</small> | | ADDRESS TO | |
| <p>1. <input checked="" type="checkbox"/> Fee Transmittal Form (e.g., PTO/SB/17) <i>(Submit an original and a duplicate for fee processing)</i></p> <p>2. <input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27.</p> <p>3. <input checked="" type="checkbox"/> Specification [Total Pages 34] <i>(preferred arrangement set forth below)</i></p> <ul style="list-style-type: none"> - Descriptive title of the Invention - Cross References to Related Applications - Statement Regarding Fed sponsored R & D - Background of the Invention - Brief Summary of the Invention - Brief Description of the Drawings (<i>if filed</i>) - Detailed Description - Claim(s) - Abstract of the Disclosure <p>4. <input checked="" type="checkbox"/> Drawing(s) (35 U.S.C.113) [Total Sheets 8] 1</p> <p>5. Oath or Declaration (unexecuted) [Total Pages 2] 1</p> <ul style="list-style-type: none"> a. <input type="checkbox"/> Newly executed (original or copy) b. <input type="checkbox"/> Copy from a prior application (37 CFR 1.63 (d)) <i>(for a continuation/divisional with Box 17 completed)</i> i. <input type="checkbox"/> DELETION OF INVENTOR(S) Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b). <p>6. <input checked="" type="checkbox"/> Application Data Sheet. See 37 CFR 1.76</p> | | <p>Commissioner for Patents Box Patent Application Washington, DC 20231</p> <p>7. <input type="checkbox"/> CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)</p> <p>8. Nucleotide and/or Amino Acid Sequence Submission <i>(if applicable, all necessary)</i></p> <ul style="list-style-type: none"> a. <input type="checkbox"/> Computer Readable Form (CRF) b. Specification Sequence Listing on: <ul style="list-style-type: none"> i. <input type="checkbox"/> CD-ROM or CD-R (2 copies); or ii. <input type="checkbox"/> paper c. <input type="checkbox"/> Statements verifying identity of above copies | |
| ACCOMPANYING APPLICATIONS PARTS | | | |
| <p>9. <input type="checkbox"/> Assignment Papers (cover sheet & document(s))</p> <p>10. <input type="checkbox"/> 37 C.F.R. §3.73(b)Statement <input type="checkbox"/> Power of Attorney <i>(when there is an assignee)</i></p> <p>11. <input type="checkbox"/> English Translation Document (<i>if applicable</i>)</p> <p>12. <input type="checkbox"/> Information Disclosure Statement (IDS)/PTO-1449 <input type="checkbox"/> Copies of IDS Citations</p> <p>13. <input type="checkbox"/> Preliminary Amendment</p> <p>14. <input checked="" type="checkbox"/> Return Receipt Postcard (MPEP 503) <i>(Should be specifically itemized)</i></p> <p>15. <input type="checkbox"/> Certified Copy of Priority Document(s) <i>(if foreign priority is claimed)</i></p> <p>16. <input checked="" type="checkbox"/> Other: Check for \$1,202.00 (filing fee/extra claims).</p> | | | |

17. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

Continuation Divisional Continuation-in-part (CIP) of prior application No: _____ /
Prior application information: Examiner _____ Group / Art Unit: _____

For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

17. CORRESPONDENCE ADDRESS

| | | | | | |
|---|--|-----------|--|---|--|
| <input checked="" type="checkbox"/> Customer Number or Bar Code Label | | 26486 | | <input type="checkbox"/> Correspondence address below <i>(Insert Customer No. or Attach bar code label here)</i> | |
| Name | | | | | |
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| City | | State | | Zip Code | |
| Country | | Telephone | | Fax | |

| | | | | |
|-------------------|-----------------|--|-----------------------------------|---------------|
| Name (Print/Type) | Jabob N. Erlich | | Registration No. (Attorney/Agent) | 24,338 |
| Signature | | | Date | July 13, 2001 |

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.

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FEE TRANSMITTAL for FY 2001

Patent fees are subject to annual revision.

TOTAL AMOUNT OF PAYMENT (\$ 1,202.00)

| Complete if Known | |
|----------------------|-------------------|
| Application Number | N/A |
| Filing Date | Herewith |
| First Named Inventor | Jerald P. Dykstra |
| Examiner Name | N/A |
| Group / Art Unit | N/A |

Attorney Docket No. 11460-111

METHOD OF PAYMENT (check one)

1. The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:
DEFICIENCY CASH

| | |
|------------------------|-------------------------------|
| Deposit Account Number | 03-2410 (Order No. 11460-111) |
| Deposit Account Name | Perkins, Smith & Cohen LLP |

Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17
 Applicant claims small entity status. See 37 CFR 1.27

2. Payment Enclosed:

Check Credit card Money Order Other

FEE CALCULATION

1. BASIC FILING FEE

| Large Entity Fee Code | Fee (\$) | Small Entity Fee Code | Fee (\$) | Fee Description | Fee Paid |
|-----------------------|----------|-----------------------|----------|------------------------|-----------------|
| 101 | 710 | 201 | 355 | Utility filing fee | \$710 |
| 106 | 320 | 206 | 160 | Design filing fee | |
| 107 | 490 | 207 | 245 | Plant filing fee | |
| 108 | 710 | 208 | 355 | Reissue filing fee | |
| 114 | 150 | 214 | 75 | Provisional filing fee | |
| SUBTOTAL (1) | | | | | (\$ 710) |

2. EXTRA CLAIM FEES

| Total Claims | 34 | -20 | = 14 | X 18 | = 252 |
|--------------------|----|-----|------|------|-------|
| Independent Claims | 6 | -3 | = 3 | X 80 | = 240 |
| Multiple Dependent | | | | X | = 0 |

| Large Entity Fee Code | Fee (\$) | Small Entity Fee Code | Fee (\$) | Fee Description | Fee Paid |
|-----------------------|----------|-----------------------|----------|--|-----------------|
| 103 | 18 | 203 | 9 | Claims in excess of 20 | |
| 102 | 80 | 202 | 40 | Independent claims in excess of 3 | |
| 104 | 270 | 204 | 135 | Multiple dependent claim, if not paid | |
| 109 | 80 | 209 | 40 | ** Reissue independent claims over original patent | |
| 110 | 18 | 210 | 9 | ** Reissue claims in excess of 20 and over original patent | |
| SUBTOTAL (2) | | | | | (\$ 492) |

**or number previously paid, if greater; For Reissues, see above

FEE CALCULATION (continued)

| 3. ADDITIONAL FEES | | Large Entity Fee Code | Fee (\$) | Small Entity Fee Code | Fee (\$) | Fee Description | Fee Paid |
|-----------------------------------|--------|-----------------------|----------|-----------------------|----------|--|---------------|
| 105 | 130 | 205 | 65 | | | Surcharge - late filing fee or oath | |
| 127 | 50 | 227 | 25 | | | Surcharge - late provisional filing fee or cover sheet | |
| 139 | 130 | 139 | 130 | | | Non-English specification | |
| 147 | 2,520 | 147 | 2,520 | | | For filing a request for reexamination | |
| 112 | 920* | 112 | 920* | | | Requesting publication of SIR prior to Examiner action | |
| 113 | 1,840* | 113 | 1,840* | | | Requesting publication of SIR after Examiner action | |
| 115 | 110 | 215 | 55 | | | Extension for reply within first month | |
| 116 | 390 | 216 | 195 | | | Extension for reply within second month | |
| 117 | 890 | 217 | 445 | | | Extension for reply within third month | |
| 118 | 1,390 | 218 | 695 | | | Extension for reply within fourth month | |
| 128 | 1,890 | 228 | 945 | | | Extension for reply within fifth month | |
| 119 | 310 | 219 | 155 | | | Notice of Appeal | |
| 120 | 310 | 220 | 155 | | | Filing a brief in support of an appeal | |
| 121 | 270 | 221 | 135 | | | Request for oral hearing | |
| 138 | 1,510 | 138 | 1,510 | | | Petition to institute a public use proceeding | |
| 140 | 110 | 240 | 55 | | | Petition to revive – unavoidable | |
| 141 | 1,240 | 241 | 620 | | | Petition to revive – unintentional | |
| 142 | 1,240 | 242 | 620 | | | Utility issue fee (or reissue) | |
| 143 | 440 | 243 | 220 | | | Design issue fee | |
| 144 | 600 | 244 | 300 | | | Plant issue fee | |
| 122 | 130 | 122 | 130 | | | Petitions to the Commissioner | |
| 123 | 130 | 123 | 130 | | | Petitions related to provisional applications | |
| 126 | 180 | 126 | 180 | | | Submission of Information Disclosure Stmt | |
| 581 | 40 | 581 | 40 | | | Recording each patent assignment per property (times number of properties) | |
| 146 | 710 | 246 | 355 | | | Filing a submission after final rejection (37 CFR § 1.129(a)) | |
| 149 | 710 | 249 | 355 | | | For each additional invention to be examined (37 CFR § 1.129(b)) | |
| 179 | 710 | 279 | 355 | | | Request for Continued Examination (RCE) | |
| 169 | 900 | 169 | 900 | | | Request for expedited examination of a design application | |
| Other fee (specify) | | | | | | | |
| *Reduced by Basic Filing Fee Paid | | | | | | SUBTOTAL (3) | (\$ 0) |

| SUBMITTED BY | | Complete (if applicable) | | | |
|-------------------|---|----------------------------------|--------|-----------|----------------|
| Name (Print/Type) | Jacob N. Erlich | Registration No. Attorney/Agent) | 24,338 | Telephone | (617) 854-4000 |
| Signature |  | | | Date | July 13, 2001 |

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